







DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/06/20	Name:	Shetty Sonali
Sem & Sec	8th sem, b sec	U SN:	4AL16CS123
Online Test Summary			
Subject	Not conducted		
Max. Marks		Score	
Certification Course Summary			
Course	Block chain essentials		
Certificate Provider	Ibm	Duration	3 hours
Coding Challenges			
Problem Statement: Java program to find duplicate characters in a string			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		SONALI SHETTY	
Uploaded the report in slack		Yes	

Online Test Details: Not conducted

Certification Course Details:

*courses.cognitiveclass.ai/co*



[Course](#) [Discussion](#) [Progress](#)

Video: The business context of blockchain

[Course](#) > [Module 1 - What is Blockchain?](#) > [Blockchain](#) > [The business context of blockchain](#)

[< Previous](#) [Next >](#)

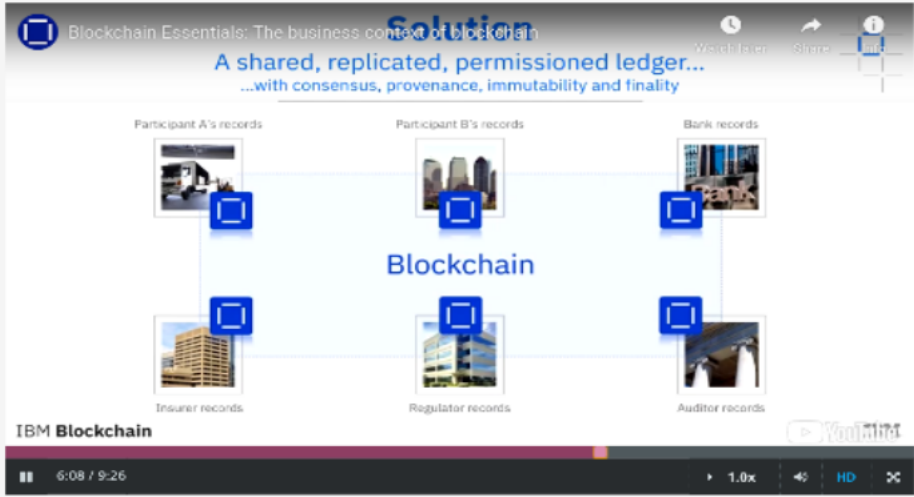
The business context of blockchain

[Bookmark this page](#)

The presentation used in the video below is available for download and can be found at the following link:

[Module 1 slides](#)

The business context of blockchain



Blockchain Essentials: The business context of blockchain

Solution

A shared, replicated, permissioned ledger...
...with consensus, provenance, immutability and finality

Participant A's records Participant B's records Bank records

Insurer records Regulator records Auditor records

Blockchain


IBM Blockchain

6:08 / 9:26 1.0x HD

[< Previous](#) [Next >](#)

Privacy Notice

© CognitiveClass. All rights reserved except where noted. IBM, Open edX and their respective logos are registered trademarks of IBM Inc.

Powered by 

Coding Challenges :

```
import java.util.HashMap;
import java.util.Map;
import java.util.Set;

public class Details {

    public void countDuplicateChars(String str){

        // Create a HashMap
        Map<Character, Integer> map = new HashMap<Character, Integer>();

        // Convert the String to char array
        char[] chars = str.toCharArray();

        /* logic: char are inserted as keys and their count
        * as values. If map contains the char already then
        * increase the value by 1
        */
        for (Character ch:chars){
            if(map.containsKey(ch)){
                map.put(ch, map.get(ch)+1);
            } else {
```

```
        map.put(ch, 1);
    }
}
```

```
//Obtaining set of keys
```

```
Set<Character> keys = map.keySet();
```

```
/* Display count of chars if it is
```

```
* greater than 1. All duplicate chars would be
```

```
* having value greater than 1.
```

```
*/
```

```
for(Character ch:keys){
```

```
    if(map.get(ch) > 1){
```

```
        System.out.println("Char "+ch+" "+map.get(ch));
```

```
    }
```

```
}
```

```
}
```

```
public static void main(String a[]){
```

```
    Details obj = new Details();
```

```
    System.out.println("String: Beginner sBook.com");
```

```
    System.out.println("-----");
```

```
    obj.countDupChars("Beginner sBook.com");
```

```
System.out.println("\nString: ChaitanyaSingh");  
System.out.println("-----");  
obj.countDupChars("ChaitanyaSingh");
```

```
System.out.println("\nString: #@$@!#$%!!% @");  
System.out.println("-----");  
obj.countDupChars("#@$@!#$%!!% @");
```

```
}
```

```
}
```